

Title (en)

RESPIRATORY MUSCLE ENDURANCE TRAINING DEVICE AND METHOD FOR THE USE THEREOF

Title (de)

TRAININGSGERÄT ZUR STÄRKUNG DER ATEMUSKULATUR UND ANWENDUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT EN ENDURANCE DES MUSCLES RESPIRATOIRES ET SON PROCÉDÉ D'UTILISATION

Publication

EP 2059309 B1 20130703 (EN)

Application

EP 07837182 A 20070821

Priority

- US 2007018527 W 20070821
- US 83904006 P 20060821

Abstract (en)

[origin: WO2008024375A2] A respiratory muscle endurance training device (RMET) includes a chamber and a patient interface. In one implementation, one or both of a CO₂sensor or a temperature sensor can be coupled to the chamber or patient interface to provide the user or caregiver with indicia about the CO₂ level in, or the temperature of, the chamber or patient interface, and/or the duration of use of the device. In another implementation, the RMET may have a fixed volume portion adjustable to contain a measured portion of a specific patient's inspiratory volume capacity. Methods of using the device are also provided.

IPC 8 full level

A63B 23/18 (2006.01)

CPC (source: EP US)

A61B 5/01 (2013.01 - US); **A61B 5/0836** (2013.01 - US); **A61B 5/097** (2013.01 - US); **A61B 5/486** (2013.01 - US); **A63B 23/18** (2013.01 - EP US); **A63B 2230/433** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 2008024375 A2 20080228; WO 2008024375 A3 20080417; CA 2661152 A1 20080228; EP 2059309 A2 20090520; EP 2059309 B1 20130703; ES 2421166 T3 20130829; JP 2010501255 A 20100121; JP 5307715 B2 20131002; MX 2009001944 A 20090416; US 2008096728 A1 20080424; US 2012295765 A1 20121122; US 2015011363 A1 20150108; US 8161966 B2 20120424; US 8758202 B2 20140624

DOCDB simple family (application)

US 2007018527 W 20070821; CA 2661152 A 20070821; EP 07837182 A 20070821; ES 07837182 T 20070821; JP 2009525613 A 20070821; MX 2009001944 A 20070821; US 201213431261 A 20120327; US 201414276343 A 20140513; US 84277807 A 20070821